

# Weekly Report for 2015/11/16-2015/11/22

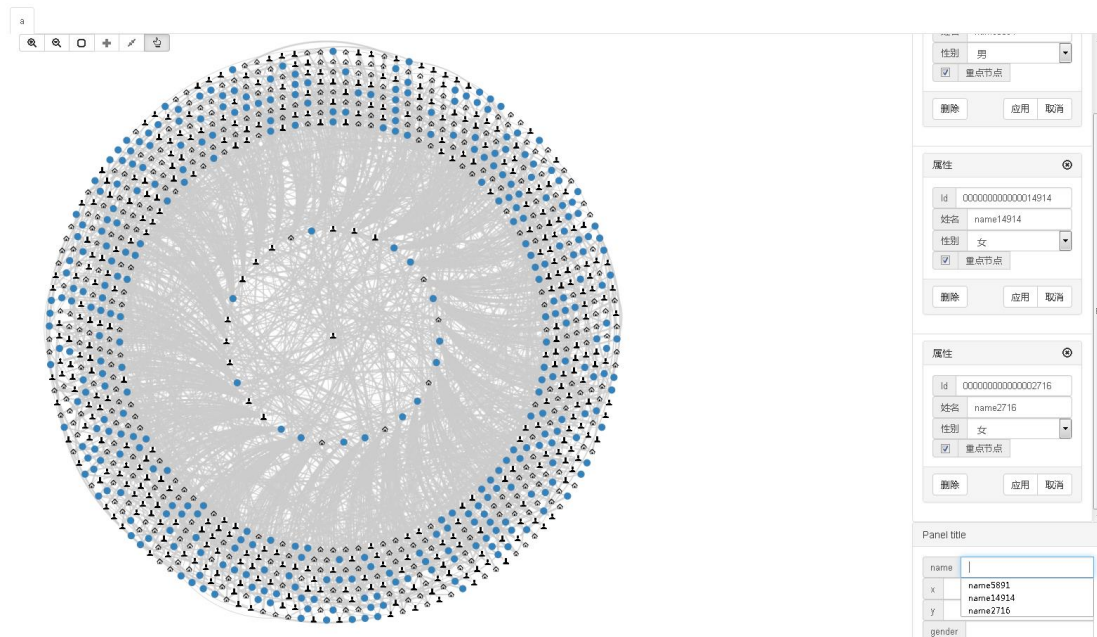
Guo Fangzhou

## Progress

### 1. TCPTree Project

### 2. Large Graph Visualization

The merge panel shows all nodes selected by users and allows users to choose the value of attributes of the merged nodes.



I generated the community data. Biao Zhu provided the format he want:

```
{
  "communities": [
    "communityId": {
      "nodes": {
        "nodeId" : {
          "communityId" : 0,
          "gender" : "male",
          "keyNode" : true,
          "connectNode" : false,
          "name" : "name143",
          ...
        },

```

```

        ...
    },
    "edges": {
        "edgeId" : {
            "source" : "nodeId",
            "target" : "nodeId",
            "type" : "type",
            ...
        },
        ...
    },
    },
    "communityId" : {
        ...
    },
    ...
],
"communitiesEdges": {
    "edgeId": {
        "source" : "communityId_nodeId",
        "target" : "communityId_nodeId",
        "type" : "type",
        ...
    },
    ...
}
}

```

### 3. Vis 2016 Paper

I talked with Bingzhang Dai and Chenyang Ji. Chenyang Ji will join my team.

I asked Bingzhang Dai to calculate the structural holes measure first, and Chenyang Ji to read some paper about structural holes.

I also parsed the vis citation data from John Stasko this week. We will do some experiment on this dataset first.

### Plan

#### 1. TCPTree Project

#### 2. Large Graph

Initial layout of community

Finish the ego network visualization

#### 3. Vis 2016 Paper

Refine the idea evaluation ppt

Visualize the structural holes in a small dynamic network